

Background Deployment Guide

Overview [🔗](#)

This document provides information on how the "Background" Win32 application operates during installation, including how it configures a Windows device to download and apply desktop and lock screen background images using a PowerShell script and a scheduled task.

Purpose [🔗](#)

Ensure all managed Windows devices display a consistent corporate background and lock screen image, updated daily from a centralized source.

⚠️ Note: This solution is specifically designed to **imitate the Intune PersonalizationCSP policy** on devices **that do not natively support the feature** (e.g., Windows 10 Pro & Business editions or versions outside policy scope). It allows consistent branding even without full Intune configuration profile support.

Script Components [🔗](#)

1. Image Source and Destination Paths [🔗](#)

- **Image URL:**
`https://[REDACTED].jpg`
- **Local Storage Paths:**
 - Desktop Image: `C:\WINDOWS\Personalization\DesktopImage\DesktopImage_b1VUKUE0kcvV0TIQ7MIA.jpg`
 - Lock Screen Image: `C:\WINDOWS\Personalization\LockScreenImage\LockScreenImage_Uj9r7BDAHkaEMNZj1rxhjg.jpg`

2. Script Location [🔗](#)

- The script is saved to:
`C:\Windows\backgroundmain_sync.ps1`

Execution Flow [🔗](#)

Step 1: Create Required Directories [🔗](#)

Ensures necessary directories exist for storing the script and downloaded images.

Step 2: Download Script Content [🔗](#)

A PowerShell script is created that:

- Downloads the background image from the specified URL.
- Saves it to both desktop and lock screen paths.
- Updates registry keys under `HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\PersonalizationCSP` to set the new images.

Step 3: Register Scheduled Task [🔗](#)

- A scheduled task named `backgroundmain_sync` is created to run the script **daily at 2:00 PM**.
- The task runs as **SYSTEM** with the **highest privileges**.

- The task is **(re)registered each time the script runs**, ensuring the latest configuration is used.

Registry Keys Set [↗](#)

Key Path	Name	Type	Value
HKLM:\...\PersonalizationCSP	LockScreenImagePath	String	Lock screen image path
HKLM:\...\PersonalizationCSP	LockScreenImageStatus	DWORD	1
HKLM:\...\PersonalizationCSP	LockScreenImageUrl	String	Image URL
HKLM:\...\PersonalizationCSP	DesktopImagePath	String	Desktop image path
HKLM:\...\PersonalizationCSP	DesktopImageStatus	DWORD	1
HKLM:\...\PersonalizationCSP	DesktopImageUrl	String	Image URL

These keys mimic what Microsoft Intune's *PersonalizationCSP* policy would configure through a configuration profile, enabling consistent UI branding even in unsupported environments.

Manual Setup Instructions [↗](#)

For our deployment this is handled within Intune as a win32 package.

1. Run the Setup Script

Save and execute the PowerShell configuration script on the target device.

2. Check Task Scheduler

Verify the task `backgroundmain_sync` exists and is scheduled for 2:00 PM daily.

3. Verify Registry

Confirm keys under `HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\PersonalizationCSP` reflect correct paths and URLs.

4. Check Result

After the scheduled task runs:

- The image should appear as both desktop and lock screen background.
- New images will be downloaded and applied daily.

Maintenance Tips [↗](#)

- **To update the image:** Replace the image at the source URL.
- **To change schedule:** Modify `$runTime` in the script.
- **To troubleshoot:** Check Task Scheduler logs or script output using `Get-ScheduledTask -TaskName backgroundmain_sync | Get-ScheduledTaskInfo`.